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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number 10/667,759

Filing Date 09/22/2003

First Named Inventor Sean T. Crowley

Group Art Unit 2811

Examiner Name Unknown

Total Number of Pages in This Submission

Attorney Docket Number AMKOR-022CB

## ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment / Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):

Certificate of Mailing;  
PTO/SB/08A Form; Prior Art  
References; and Return Receipt  
Postcard

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

Mark B. Garred  
STETINA BRUNDA GARRED & BRUCKER

Signature

*Mr. SQ*

Date

1/8/04

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Andrea K. Levine

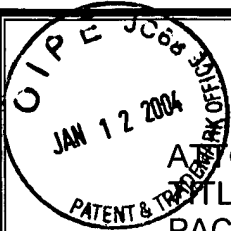
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ATTORNEY DOCKET NO: AMKOR-022CB

TITLE: METHODS OF MAKING THIN INTEGRATED CIRCUIT DEVICE  
PACKAGES WITH IMPROVED THERMAL PERFORMANCE

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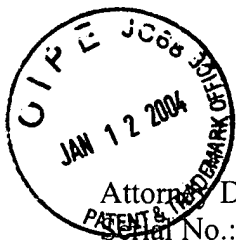
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1. Certificate of Mailing;
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4. PTO/SB/08A (7 pages submitted in duplicate);
5. Prior Art References (approximately 1,000 pages); and
6. Return Receipt Postcard



Attorney Docket No.: AMKOR-022CB  
Serial No.: 10/667,759

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Sean T. Crowley, et al. )  
Serial No.: 10/667,759 ) Art Unit: 2811  
Filing Date: 09/22/2003 ) Examiner: Unknown  
For: Methods of Making Thin Integrated )  
Circuit Device Packages with )  
Improved Thermal Performance )  
\_\_\_\_\_ )

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. SECTION 1.97**

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Assistant Commissioner for Patents  
Post Office Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir/Madam:

Pursuant to 37 C.F.R. § 1.97, the following Information Disclosure Statement is submitted as listed on form PTO/SB/08A enclosed herewith in duplicate. Copies of all disclosure documents are attached hereto for the Examiner's review.

No representation is made that the references disclosed herein legally constitute prior art, or that more relevant references are not available. The disclosure documents enclosed herewith and listed on the attached form (PTO/SB/08A) are printed in the English language and/or accompanied by an Abstract published in the English language.

The references listed herein, when taken alone or in combination are not believed to disclose nor make obvious the invention as claimed in the subject application.


As this Information Disclosure Statement is being submitted before the stipulated three months from the filing date of the application and/or before the mailing of a first Office Action, it is believed that no fee is required.

If a fee is required, please charge Account Number 19-4330.

Respectfully submitted,

Dated: 1/9/04  
Customer No. 007663

By:

  
\_\_\_\_\_  
Mark B. Garred  
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Substitution for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/667.759
				Filing Date	09/22/2003
				First Named Inventor	Sean T. Crowley
				Art Unit	2811
				Examiner Name	Unknown
				Attorney Docket Number	AMKOR-022CB
Sheet	1	of	1		

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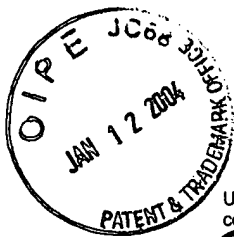
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		200204397	08/02/2002	JAPAN		
		0049944	06/26/2002	KOREA		
		2001060648	03/06/2001	JAPAN		
		556398	10/29/2000	JAPAN		
		EP1032037	08/30/2000	EU PAT. OFFICE		
		00150765	05/30/2000	JAPAN		
		EP098968	03/29/2000	EU PAT. OFFICE		
		9967821	12/29/1999	PCT		
		9956316	11/04/1999	PCT		
		EP0936671	08/18/1999	EU PAT. OFFICE		

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PTO/SB/08A (10-01)

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			Application Number	10/667,759	
			Filing Date	09/22/2003	
			First Named Inventor	Sean T. Crowley	
			Art Unit	2811	
			Examiner Name	Unknown	
Sheet	1	of	1	Attorney Docket Number	AMKOR-022CB

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		Country Code 3 - Number 4 - Kind Code 5 (if known)				
		100220154	06/18/1999	KOREA		
		10256240	09/25/1998	JAPAN		
		10199934	07/31/1998	JAPAN		
		10163401	06/19/1998	JAPAN		
		EP0844665	05/27/1998	EU PAT. OFFICE		
		10022447	JAN-98	JAPAN		
		9293822	11/11/1997	JAPAN		
		9772358	11/07/1997	KOREA		
		EP0794572A2	10/09/1997	EU PAT. OFFICE		
		DE19734794A1	08/11/1997	GERMANY		

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP0720234	03/07/1996	EU PAT. OFFICE		
		7312405	11/28/1995	JAPAN		
		7297344	11/1995	JAPAN		
		6260532	09/16/1994	JAPAN		
		6140563	05/20/1994	JAPAN		
		692076	04/05/1994	JAPAN		
		941979	01/03/1994	KOREA		
		5283460	10/29/1993	JAPAN		
		5166992	07/1993	JAPAN		
		5129473	05/25/1993	JAPAN		

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				Art Unit	2811
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	AMKOR-022CB

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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		Country Code 3 -Number4 -Kind Code5 (if known)				
		63249345	10/17/1988	JAPAN		
		63233555	09/29/1988	JAPAN		
		63205935	08/25/1988	JAPAN		
		63067762	03/26/1988	JAPAN		
		629639	01/17/1987	JAPAN		
		6139555	02/25/1986	JAPAN		
		60231349	11/16/1985	JAPAN		
		60195957	10/04/1985	JAPAN		
		60116239	08/06/1985	JAPAN		
		60010756	01/19/1985	JAPAN		

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		Country Code 3 -Number4 -Kind Code5 (if known)				
		59227143	12/20/1984	JAPAN		
		59208756	11/27/1984	JAPAN		
		EP5950939	03/19/1984	EU PAT. OFFICE		
		58160095	08/31/1983	JAPAN		
		5745959	03/16/1982	JAPAN		
		55163868	12/20/1980	JAPAN		
		EP5421117	06/08/1979	EU PAT. OFFICE		

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